

Amendments to the Drawings:

A corrected Fig. 43 is enclosed.

REMARKS/ARGUMENTS

In response to the Examiner's first Office Action of November 29, 2005 the Applicant respectfully submits the accompanying Terminal Disclaimer with respect to USSN 10/760,262, Amendment to the specification and claims, and the below Remarks.

Regarding Amendment

In the Amendment:

page 13, line 12, page 14, line 30, page 17, line 18, page 18, line 7 and page 22, line 10 of the present specification are amended to omit reference to Fig. 17C;

independent claim 1 is amended to clarify that the assembly is arranged so that the printhead module is removable from the assembly upon removal of the drive electronics, the electrical conductors and the loading plate. Support for this amendment can be found at page 13, line 30-page 18, line 12 of the present specification; and

dependent claims 2-5 are unchanged.

It is respectfully submitted that the above amendments do not add new matter to the present application.

Regarding Drawing Objections

It is respectfully submitted that the above-described amendments to omit reference to Fig. 17C in the present specification, provides the correction required by the Examiner.

Regarding 35 USC 102(b) Rejections

It is respectfully submitted that the subject matter of amended independent claim 1, and claims 2-5 dependent therefrom, is not disclosed by Silverbrook et al. (US 6,439,908), for at least the following reasons.

In the present invention, each printhead module 30 has two or more printhead tiles/integrated circuits 50,51 arranged on an elongate fluid channel member 40. At least two of these printhead modules are longitudinally assembled within a casing 20 to form a printhead. Multiple printhead modules, each having multiple printhead tiles, are used in the printhead assembly so that replacement of the modules and selection of printhead length are easily provided without the need to provide individual controllers and connections for each printhead integrated circuit.

In order to provide easy removability of the modules, the associated drive electronics 100 and busbars 71-73 for providing power are arranged to be removable with pressure plate 74 being removably provided to ensure electrical connection of the modules with the drive electronics and busbars (see page 6, line 23-page 7, line 2 and page 13, line 30-page 18, line 12 of the present specification). Amended independent claim 1 recites these features of the present invention.

On the other hand, Silverbrook discloses an arrangement in which each printhead module 12 has a single microelectromechanical chip 18 and support molding 26,28. Each module is plugged into a reservoir molding 32 housing an ink reservoir 16, which is secured to a chassis 14. Each module may be removed from the reservoir molding, however scalability of the printhead assembly 10 is not provided, as the reservoir molding is a set

length. Furthermore, contrary to the Examiner's contention, drive electronics are not provided on the printhead assembly of Silverbrook, rather the PCB 54 of the chassis has a connector 66 which connects to an external controller.

Furthermore, the modules are clipped to the reservoir molding which is heat stakes to the chassis using the clips 44 of the modules. Thus, it is not necessary to remove the PCB 54 and associated electrical connections to remove the modules see col. 2, lines 6-53, col. 4, lines 6-18, and col. 5, lines 3-38 of Silverbrook), as is required by amended claim 1.

Thus, the subject matter of amended independent claim 1, and claims 2-5 dependent therefrom, is not disclosed, or suggested, by Silverbrook.

Regarding Provisional Double Patenting Rejections

With respect to the provisional non-statutory double patenting rejection of pending claims 1-4 over claims 1-6 of copending Application No. 10/760,262, a terminal disclaimer in compliance with 37 C.F.R. 1.321(c) is being submitted herewith; the present application and Application No. 10/760,262 being commonly owned by the Applicant.

It is respectfully submitted that all of the Examiner's objections and rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,
Applicant:



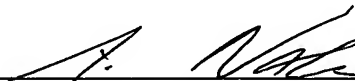
KIA SILVERBROOK



NORMAN MICHEAL BERRY



GARRY RAYMOND JACKSON



AKIRA NAKAZAWA

C/o: Silverbrook Research Pty Ltd
393 Darling Street
Balmain NSW 2041, Australia

Email: kia.silverbrook@silverbrookresearch.com

Telephone: +612 9818 6633

Facsimile: +61 2 9555 7762

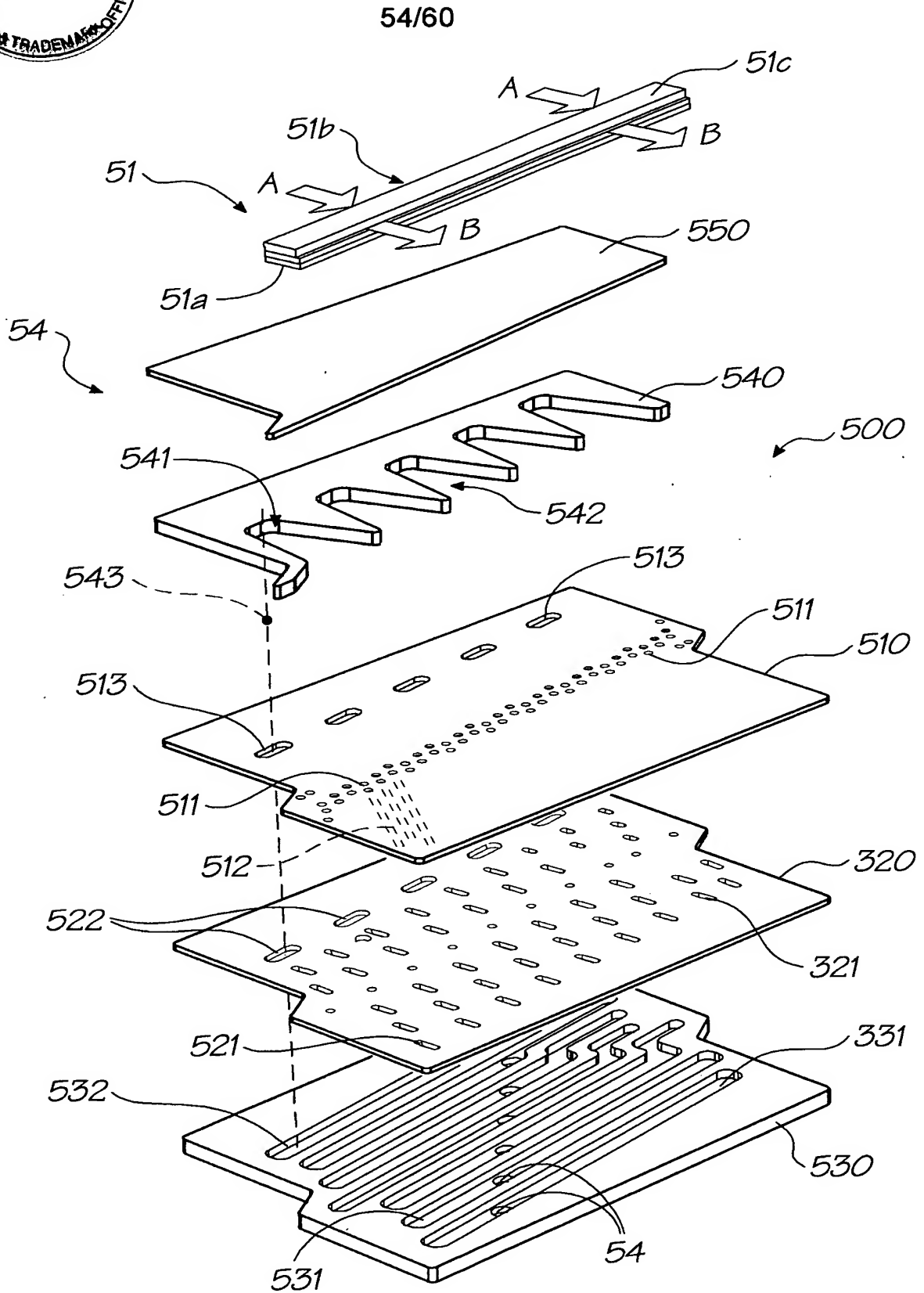


FIG. 43